

SOLARIA®




**Solaria 270W/275W/280W
Module Specifications**



ELECTRICAL SPECIFICATIONS*


ELECTRICAL PARAMETER	Solaria 280	Solaria 275	Solaria 270
	Peak Power, Pmax (Watts)	280	275
Open Circuit Voltage, Voc (V)	44.57	44.39	44.18
Short Circuit Current, Isc (A)	8.27	8.15	8.04
Voltage at Pmax (V)	35.92	35.57	35.14
Current at Pmax (A)	7.80	7.73	7.69
Max Series Fuse Rating (A)	15	15	15
Max System Voltage (V)	US600/IEC1000	US600/IEC1000	US600/IEC1000




MODEL: SOLARIA 270

Peak Power	(Pmax)	270	W
Voltage at Pmax	(Vmp)	35.10	V
Current at Pmax	(Imp)	7.69	A
Open Circuit Voltage	(Voc)	44.20	V
Short Circuit Current	(Isc)	8.04	A
Maximum Series Fuse		15	A

All ratings at standard test conditions: 1000W/m2, AM 1.5 spectrum, 25°C
Field connections, use-min. 12 AWG copper wires insulated for 90°C min.




WARNING
ELECTRICAL HAZARD
Read and comply with product installation manual.



---BARCODE---

Serial number with traceability for date and place of manufacture

UL Fire Rating Class C - IEC Safety Class II



Maximum System Voltage US-600V, IEC-1000V
Made in the USA www.solaria.com PSC3002-05

ELECTRICAL

Cells	Monocrystalline
Bypass Diodes	3
Ratings	15 Amps each
Max Vrrm	45 Volts
Type	Diotec SB1540

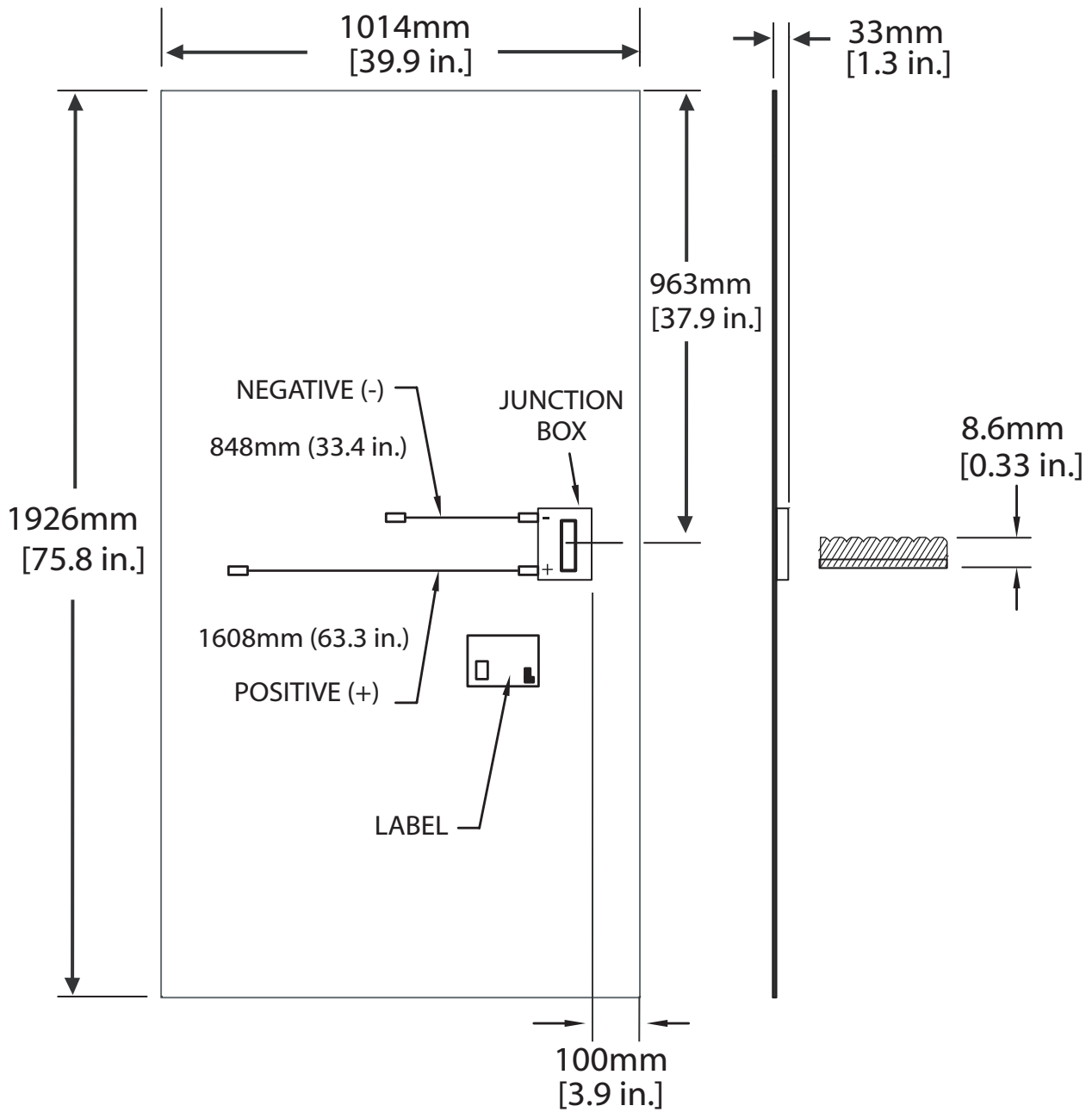
TEMPERATURE COEFFICIENTS

Isc	0.05	%/°C
Voc	-0.32	%/°C
Pmax	-0.44	%/°C

- Specified power rating is +3/- 2% of indicated value of Pmax under STC*
- All other electrical specifications are + or - 10% of indicated values under STC*
- *STC : Irradiance 1000 W/m², AM 1.5 spectrum, Cell Temperature 25° C
- Module is rated for Application Class A

MECHANICAL DIMENSIONS:

- Frameless Module Weight: 74 lbs
- Nominal dimensions in millimeters and [inches] – Not Drawn to Scale





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